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JAN 26 2005
PATENT & TRADEMARK OFFICE

Docket No. 247789US0/mka

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Roland WURSCHE, et al.

SERIAL NO: 10/784,712 GAU: 1773

FILED: February 24, 2004 EXAMINER:

FOR: TRANSPARENT MOLDING COMPOSITION FOR OPTICAL APPLICATIONS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:
Applicant(s) wish to disclose the following information.

REFERENCES

■ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

■ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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STATEMENT OF RELEVANCY

References AO (DE 102 14 937 A1) and AW (CH 391 290) on Form PTO-1449:

The use of the compounds is disclosed in the following paragraphs of DE 102 14 937 A1:

[0048] as a light absorber or as a light emitter in organic light-emitting diodes (OLEDs), or as an oxidation catalyst;

[0049] as a UV absorber;

[0050] as a VIS absorber.

The translation of paragraph [0049]:

"As UV absorber they are preferably used as UV protective agents which dissipate the UV light to heat, or as optical brighteners which convert the UV light to visible light. They are used as UV absorber e. g. in cosmetics (sunscreen, for instance in clothing, too), in automotive top coats, in wood preservation varnish, in films, in plastics (for instance polystyrene, polycarbonate, polyolefins as well as ABS and ASA or PET). In case of plastics application either plastic or the contents of plastic containers can be protected. This applies in particular for transparent or translucent plastic bottles. The same applies for fibers made from these plastics which are for instance used for the manufacture of clothing or paper fibers (e. g. polyamides). Optical brighteners are used, for instance, in detergents, textiles or plastics. This plastic may be processed e. g. to films, too."

CH 391 290 claims in claim 1 "a composition substantially consisting of polyamides and containing organic optical brighteners, characterized by a content of 0,0005 to 0,005 percent by weight of hypophosphoric acid, phosphoric acid or hypodiphosphoric acid or salts of these acids, respectively, referring to the weight of the polyamide."

In the specification, CH 391 290 at first deals with the composition. The applications are described in page 2, lines 45 to 57:

"In each case products are obtained which exhibit an excellent resistance against the destructive action of heat, light, air and water. They are outstandingly suitable for all purposes which demand a high resistance to aging, in particular the decrease of the degree of whiteness and the tensile strength which is associated therewith. One can manufacture from them, e. g., fabrics and films which do neither yellow nor gray even after numerous washing cycles, furthermore engine parts and instruments [Armaturen] which can withstand even long-lasting exposure to light and higher temperatures without detrimental change."

These references disclose only examples of optical brighteners and their general use in plastics, but no transparent polyamide molding composition as claimed.

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Form PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

ATTY DOCKET NO.	SERIAL NO.
247789US0	10/784,712
APPLICANT	
Roland WURSCHE, et al.	
FILING DATE	GROUP
February 24, 2004	1773

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,416,172	05/16/1995	Philippe BLONDEL, et al.			
	AB	4,731,421	05/15/1988	Manfred HOPPE, et al.			
	AC	4,847,356	07/11/1989	Manfred HOPPE, et al.			
	AD	2004/0158028 A1	08/12/2004	Friedrich Severin BÜHLER			
	AE	4,666,627	05/19/1987	Hans R. MEYER			
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	TRANSLATION NO
	AO	102 14 937 A1	10/16/2003	GERMANY (with corr. WO 03/084960 A1)		
	AP	WO 03/084960 A1	10/16/2003	WIPO (submitting English Abstract only)		
	AQ	0 643 039 A1	03/15/1995	EUROPE (corr. DE 694 04 582 T2)		
	AR	0 550 308 A1	07/07/1993	EUROPE (corr. US 5,416,172 and DE 692 25 946 T3)		X
	AS	36 00 015 A1	07/31/1986	GERMANY (corr. US 4,731,421 and US 4,847,356)		X
	AT	WO 02/090421 A2	11/14/2002	WIPO (submitting corr. US 2004/0158028 A1 only; copy was filed on 05/12/04)		
	AU	0 136 259	04/03/1985	EUROPE (corr. US 4,666,627)		X
	AV	1 298 016	11/29/1972	GREAT BRITAIN		
	AW	391 290	08/31/1965	SWITZERLAND		X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AX		
	AY		
	AZ		☐ Additional References sheet(s) attached

Examiner	Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.